CLAIMS

1. A drop feed device (1) for feeding an ingot mould (15) with molten metal, comprising a distributor (3) having a substantially prismatic shape, with one of the faces open, in which the inside of the distributor comprises at least three tanks (4, 5, 6), of which two first tanks (4, 6) are arranged at the end of the distributor and at least one further tank (5) is set in an intermediate position with respect to the two first tanks (4, 6), in which the further intermediate tank (5) is separated from the two first tanks (4, 6) by respective separating walls (7, 8), the dimensions of which are such as to cause their edges (7', 8') to perform a function of weir for passage of the molten metal between said intermediate tank (5), when it is full, and said two first tanks (4, 6), in which there are provided holes (10) arranged on one or more faces of the distributor (3) in such a position and of such dimensions and shape as to be able to perform a function of emptying of the molten metal from said two first tanks (4, 6) towards the outside of the distributor (3) before reaching a level equal to that of the edges (7', 8') of the separating walls (7, 8) which perform the function of weir.

2. The drop feed device according to Claim 1, in which the holes (10) are substantially elongated having the shape of a slot.

3. The drop feed device according to Claim 2, in which a further distributor (12) is provided having an elongated, substantially prismatic shape, designed to be set between said distributor (3) and an ingot mould (15).

4. The drop feed device according to Claim 3, in which a discharger (2) is provided, which is designed to discharge molten metal from a tundish or other container into the intermediate tank of the distributor (3).

5. The device according to Claim 4, in which the discharger (2) has a substantially funnel-like shape, and the angle of divergence of the internal walls of the discharger is less than 7°.

6. The device according to Claim 1, in which some or all of the faces of the distributor (3) are mutually convergent.